PI 516641 to 516643. Medicago ciliaris (L.) All. FABACEAE

Donated by: Rumbaugh, M.D., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States; and Graves, W., Cooperative Agricultural Extension, 5556 Overland Avenue, Building 4, San Diego, California, United States. Received January 1986.

- PI 516641 donor id: GR 372. origin: Morocco. collected: July 10, 1983. locality: Roadside, 11km W of Souk-el-Arba-du-Rharb on Road S 216. Wild. Seed.
- PI 516642 donor id: GR 825. origin: Morocco. collected: August 08, 1983. locality: Heavy clay-loam soil, 17km S of Tangiers off Road P 2 at SNDE Farm, SW of Airport. elevation: 25m. remarks: 800mm precipitation zone. Wild. Seed.
- PI 516643 donor id: GR 841. origin: Morocco. collected: August 09, 1983. locality: Heavy caliche basic soil, roadside, 72km W of Tetouan on Road P 37. elevation: 50m. remarks: 600mm precipitation zone. Wild. Seed.

## PI 516644. Medicago constricta Durieu FABACEAE

Donated by: Rumbaugh, M.D., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States; and Graves, W., Cooperative Agricultural Extension, 5556 Overland Avenue, Building 4, San Diego, California, United States. Received January 1986.

donor id: GR 120. origin: Morocco. collected: July 05, 1983. other id: MG 140683-0602. source: ICARDA, Aleppo, Syria. other id: IFMA 2981. locality: Cropped land, sandy loam over limestone/sandstone, 19km from Bin-el-Ouidane, Beni-Mellal, Azilal. elevation: 1100m. remarks: 520mm ppt/yr. Donated by Mustapha Bounjemate, INRA. Wild. Seed.

## PI 516645 to 516648. Medicago hybrid FABACEAE

Donated by: Rumbaugh, M.D., Forage and Range Research Lab., USDA-ARS, Utah State University, Logan, Utah, United States; and Graves, W., Cooperative Agricultural Extension, 5556 Overland Avenue, Building 4, San Diego, California, United States. Received January 1986.